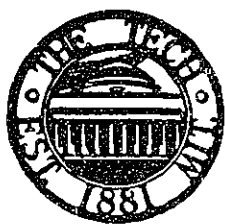


# The Tech



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CAMBRIDGE, MASSACHUSETTS, TUESDAY, OCTOBER 22, 1957

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## IFC Comm. Takes Action On 2 Rush Week Violations; Violators Of 4 Hr., Pre Rushing Rules Not Announced

Two violations of rushing rules for the 1957 Rush Week have been acted upon by the Investigations Committee of IFC, and action has been taken on both. However, violators of the rules will not be made public by this group.

The rules broken were the "four-hour limit" (which limits the time

a rushee may be away from the fraternity house during the day) and the rule which makes rushing before the official start of Rush Week illegal.

### Punishments

The violation of the four-hour rule was punished by prohibiting the violating house from rushing off the

MIT campus on the first day that bids may be accepted. Since IFC regulations state that a bid may not be accepted until 48 hours after the beginning of the rushing period, this would mean that the house punished will not be able to rush outside of the house on Monday of Rush Week.

The pre-rushing violation warranted only a token fine, "because of misunderstandings and misinterpretations in (this) case," said Dave Larson '58, past temporary chairman of the committee who presided during the levying of the fines.

### Publicize Punishments Not Offenders

Larson also said the "No mention of the fraternities involved was made at last week's IFC meeting, nor will any mention be made. The position of the committee and of IFC regarding the violations is to publicize the punishments and not the offenders."

In punishing a house for such violations, IFC can do three things: Fine a house up to \$50; Remove the abused privilege; or publicize the violation within the IFC, which would essentially be complete publication on the campus. This punishment is the most serious of the three, and this year the IFC chose not to use it.

### Token Fines Ineffective

In past years the fines have been used for most violations, but Larson said, "The houses break the same rules year after year, and the token fines are ineffective in stopping them."

## Niels Bohr Arrives at MIT; Will Give Six Lectures Here

Professor Niels Bohr of the Institute of Theoretical Physics, Copenhagen, Denmark, will present the first lecture in the Karl Taylor Compton Lecture Series Tuesday, November 5, at 8:00 p.m. in Kresge Auditorium.

The 72-year-old Danish scholar arrived here Monday and will fly to Washington tomorrow afternoon for official presentation of the Atoms for Peace Award by President Eisenhower Thursday.

The six lectures Professor Bohr will give are entitled "Quantum Phys-

ics and the Notion of Complementarity". The other dates are: November 7, 14, 19, 21, and 26. Prof. Bohr has stated his goal will be to give an elementary, philosophical account of the development of quantum physics and the notion of complementarity in physical make-up of matter, thus furthering a widespread understanding of these important aspects of nature.

The Atoms for Peace Award, of which Prof. Bohr will be the first recipient, consists of a gold medal and honorarium of \$75,000. Niels Bohr was the unanimous choice of the board of trustees of the award meeting at MIT March 6. Chairman of the board and President of MIT, James R. Killian, Jr., said of Bohr: "By his example he has inspired scientists everywhere to seek out science as an instrument for human welfare."

Niels Bohr was only 28 when he opened up a whole new field of atomic physics with his basic theoretical work on the structure of the atom. His contributions have been ranked with those of Copernicus, Galileo Newton, and Einstein.

In 1936 Prof. Bohr turned to nuclear physics and proposed a theory of nuclear reaction which successfully interpreted the experiments of Enrico Fermi and others on the interaction of neutrons with nuclei.

During the war he was forced to flee Denmark which had been occupied. Prof. Bohr escaped to Sweden hidden in a fishing boat, and from there he was flown in the bomb-bay of a Mosquito bomber to England. From England he was brought to this country to Los Alamos to work on the atomic bomb.

Bill Becker, a reporter on the New York Times, who has known Niels Bohr for many years, said in a recent article in the New York Times Magazine, that "In Denmark, Bohr's standing is only slightly less sacred than that of the royal family and Hans Christian Andersen." Professor Bohr is also described as an ardent athlete in spite of his age and likely to come to a colloquium at the Institute in Copenhagen with his trousers rolled up and hair on end after a brisk bicycle ride. The Institute itself has been described by one scientist as comparable to Plato's school. This year fifteen of the forty or fifty young graduate physicists attending are Americans.

By far the most striking aspect of Prof. Bohr's life has been his tireless work for international control of the atom. Even before the first atom bomb blast on July 16, 1945, he was campaigning for international control of atomic weapons. Since the war he has had no connection with any military nuclear project. Prof. Bohr also played a major role in setting up the 1955 Atoms for Peace Conference at Geneva.

World-wide scientific cooperation, Prof. Bohr thinks, is humanity's best hope for a peaceful future.

## JP, Senior Week Vote To Be November 19th

Elections for the new Junior Prom and Senior Week Committees will be held on November 19th. Adul Pinsu-vana '59, Election Chairman of the Secretariat, has stated that both elections will take place on Tuesday, Nov. 19th, in the lobbies of Building Ten and Building Two, between 8:55 and 5:10 p.m.

Petitions for both Committees are due in Litchfield Lounge by 5 p.m. on Friday, Nov. 1. Each petition requires, besides signatures of 10% of the class (about 90 to 100 names), photographs of the candidates. The petitions, which are obtainable at Litchfield Lounge, must be enclosed in a plastic cover, which may be bought at the Coop.

## Boston Symphony Orchestra To Open Humanities Series Nov. 20

The 1957-58 season of the MIT Humanities Series concerts held in Kresge Auditorium will open with a program of the Boston Symphony Orchestra, Charles Munch conducting, on Wednesday, November 20 at 8:30 p.m. This performance will be the Boston Symphony's third annual appearance on the campus.

The Humanities Series was founded in 1948 for the purpose of bringing world-famous as well as local musical artists to the MIT campus. Now in its tenth season, the concert series continues to bring a select number of distinguished performers.

### Concerts on Calendar

The calendar for the present season will include, in addition to the concert by the Boston Symphony, the Czech Quartet of Budapest in its first Boston appearance playing a program of music by Haydn, Beethoven and Brahms (December 15); the Juilliard String Quartet playing Schubert, Stravinsky, Hugo Wolf, and Bartok (January 19); a chamber ensemble concert featuring "Facade", an Entertainment with poems by Edith Sitwell and music by William Walton,

and the first performance of Gregory Tucker's Chamber Concerto with the composer at the piano. Norma Farber will recite the Sitwell poems, and Klaus Liepmann will conduct the chamber orchestra comprised of members of the Boston Symphony Orchestra (February 16). The final concert will present an all-Beethoven recital by Ernst Levy (March 23). Composer as well as outstanding pianist, Mr. Levy is professor of music in the department of humanities at MIT.

All concerts, except the first, will take place on Sunday afternoons at 3:00 p.m. Series tickets (at \$7.50) will be available until November 1 and may be ordered from the Office of the Director of Music, MIT, Room 14-N236.

## Tau Epsilon Phi Is Now IFC Member; Formerly TEP Club

After three years under probationary status with the IFC, and as a colony of the national fraternity, Tau Epsilon Phi has been admitted as a full-fledged chapter of the Inter-Fraternity Conference. Last Thursday night, at a meeting of the IFC, the TEP Club, as it was formerly known, was unanimously raised to the status of an official chapter.

Larry Boedeker '58, IFC Secretary, outlined the requirements of house membership. The only specific requirements are that the house must have spent a two-year initial period and a one-year probationary period in its own house, prior to admission. The requirements beyond this, aside from that of sound financial condition, are based on the general progress, activity, and membership of the house during its probationary period.

### History of TEP

The past history of the Xi Chapter of Tau Epsilon Phi was outlined by Gary Teper '59, House President. The chapter had formed originally in 1919, but was never recognized by the IFC. Eventually, the chapter disbanded in the 1930's. The present chapter reformed itself about five years ago, and has been petitioning for membership for the past three years. During that time, TEP moved into its house at 488 Beacon Street, and was accepted as a colony by the national fraternity.

### Installation Banquet

Installation ceremonies and banquet were held at the TEP House on Saturday evening, October 19. Deans Fassett, Rule and Speer attended the installation ceremonies, according to the House President. The new status of the house will extend to its members the advantages of national affiliation, without altering their administrative set-up. The financial arrangements, in particular, will remain unchanged, as each chapter of Tau Epsilon Phi is responsible for its own finances.

### PHYSICAL EXAMINATION

All new students must make an appointment for their physical examination on or before November 1st, or they will be charged \$5 for notification.

## JP Line Forms Earlier Than Ever; Building 10, Cage Home To Many

Waiting time for Junior Prom options and tickets hit an all time high this year, as some groups waited a total of over 55 hours. Options were sold in building ten at 9 a.m. Friday morning, and early Thursday morning the line was already well formed.

The object of waiting in the option line was to achieve a good position in the ticket and table reservation line at the cage, so this line formed at about 9:02 Friday as option holders sprinted to the cage.

### Sammys First

The first group to arrive at the option line was from Sigma Alpha Nu fraternity. They set up headquarters in building 10 about 5 a.m. Thursday morning. Soon afterwards several other fraternities and a dormitory group arrived, and other prom-goers, seeing the lineup hurried to get a favorable position.

By Thursday night, fifty-five groups had signed up in the line. Building ten's lobby was turned into a temporary dormitory for the night, and it was lined with cots, mattresses, students doing homework, and even a portable TV set.

Last year the line did not form until late Thursday night, when only one fraternity posted men; and the year before there had been essentially no line at all.

The line at the cage was even longer than in building ten. Over one hundred students waited in the all night vigil for table reservations. The wrestling mats made sleeping more comfortable, but many groups supplied their own cots and mattresses.

The JP committee reported that about 450 tickets to Friday night and 270 tickets to the Saturday night affair were sold.



The JP ticket line vigil extends late into the night at the cage. Well over a hundred students slept and groggily answered the hourly roll calls as they waited to reserve tables for the November 1st dance.



Niels Bohr, eminent Danish physicist and Nobel Prize Winner, who will deliver Compton Lectures and be in residence at MIT during November.

## Interest In Gliders Increases as MIT Glider Club Grows

Students at the Institute are taking a strong interest in glider flying. At the Glider Club's next meeting on Wednesday, Oct. 25, at 5 p.m. in Room 35-225, it expects many more prospective members than the 75 who attended the last meeting.

### Training and Design

The Club's two main purposes lie in training new flyers and in designing and building new planes. Flying instruction, in the club's Schweizer 222, is provided by three MIT alumni: Steve Blum '52, Joe Anthony '41 and Hal Hobkirk '40, who provide their services free of charge. Most

(Continued on page 4)

## MIT's Miss Kelley On TV Weather Show

Using scientific data instead of feminine intuition, the Institute's Elizabeth Anne Kelley will begin a series of weather forecasting programs on WGBH-TV Friday, October 25. But Miss Kelley's feminine approach does make a difference. Last year she appeared three times on the "Weather For You" program, alternating with other members of the meteorology department. Because of the popular response to her appearances, Miss Kelley will be the regular forecaster this year on "Weather For You", every Friday 7:00-7:15 p.m. on Channel 2.

Miss Kelley came to MIT in 1953, and in 1956 was appointed to the Division of Sponsored Research staff as a member of Professor Edward N. Lorenz' statistical forecasting research group.

A native of the Boston area, Miss Kelley now lives at 79 Pratt Rd., Cambridge.

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## editorial

Last week the Investigations Committee of the Inter-Fraternity Conference found one of the MIT fraternities guilty of violating the IFC rush week rules on two counts, and penalized the house accordingly. The fact that one of these penalties involved the unprecedented restriction of a major rushing privilege for 1958 indicates a new desire on the part of the IFC to demand that the rules be followed. This trend is one to be encouraged.

An interesting fact to note in this case is that both of the charges were made against one house, and that both charges were initiated by one house. There was no other officially noted major violation during the past rush week. These facts would seem to indicate that only one fraternity was guilty of major violations of rush week rules and that only one house noticed these violations. That this is patently untrue is clear to anyone involved in the past or in any previous rush week on the MIT campus. While not so numerous as to cause chaos, infractions of the rules are almost everyday affairs and few go unnoticed by other houses.

Why then, did the total number of official major complaints during the past rush week involve only one accusing house and one accused. The reasons behind the reluctance of fraternities to press charges against other fraternities are threefold: (1) fear of seriously damaging inter-house relations; (2) a feeling that once rush week is over such charges do little or no good; and (3) a reluctance to involve pledges in substantiating charges. To some extent the logic behind each of these feelings is reasonable. The sum total of these feelings is that the present system involving houses accusing and making cases against other houses is unrealistic.

The logical body to handle these situations is the IFC Investigations Committee. Such a system would require that, were one fraternity suspicious of another's actions, it would merely indicate this fact to the Investigations Committee Chairman. The committee would then study the situation, and, in the event of an infraction, make its case against the violator. That this would not create a "police state" situation, as has at times been feared, is clear in that accusations would still originate in the fraternities. That this would create a realistic situation is clear in that no longer would a fraternity be required to go through the often messy procedure of making a full-scale investigation and bringing a case against another fraternity. Only under such a situation could the IFC, which has just indicated its desire to demand that rush week rules be followed, make its desire into a reality.

## review

Time: October 18, 1957 10:00 P.M.

Place: Little Theatre, Kresge Auditorium

Event: Critique of Dramashops first "Evening of One-Act Plays."

Prof. Everingham: For those of you who are with us for the first time, let me explain how these evenings are set up. The directors choose their plays, run the try-outs, cast the play, organize the production details, etc., with only a minimum of assistance from Mrs. Bottomly and myself. The director of Sean O'Casey's *A POUND ON DEMAND* is Lick Margulis and Herb Propper (in costume due to filling in for a sick actor) is the director of John Ford's *'Tis Pity She's a Whore*. Nick, would you give us an idea of what you tried to do with your play and the difficulties you ran into.

Director: Essentially I tried to give a visual and oral presentation of a piece of literature, trying, that is, to understand the play as best I could and then to stage it with this understanding in mind. I think the play is about a conflict between authority and the "little man" and so tried to make the set (a country postoffice) as official-looking as possible, the clerk and policeman (representing authority) as tough as possible, and I tried to get across the drunk's friend (the little man) as an almost tragic character.

Prof.: But this isn't a tragedy—it's a hilarious comedy n't it?

Director: Yes, it's a comedy but the plot is actually tragic. The story of two men needing money and not being able to withdraw their savings is a tragic story. What makes this play comic is that one of the men happens to be drunk. Thus the catharsis of pity and fear which Aristotle speaks of is not present. The audience doesn't associate themselves with him and hence can laugh at the situation.

Grubby-looking lad in the audience: I think this play is

an allegory on the American Revolution. The drunk's name was Samuel Adams.

Man with beard and green laundry bag: I doubt if this is an allegory and I don't think it's so tragic as the director would have us believe. In an O'Casey play the most important thing is the language. This play has very little plot and the thing that carries it and makes it funny is the music of it—the dialects. Since very little attempt at an Irish Brogue was made I frankly think the play was a dismal failure.

Prof.: Let's move on and talk about *'Tis Pity She's a Whore*. Herb?

Director: In this play, I simply tried to have the actors get into the emotional feeling of the play so as to convey these emotions to the audience.

Prof.: Is this method directing?

Director: If you mean "method" to be working from the inside of an actor and a character out to the audience—I think you could call this "the method".

Intellectual looking girl in audience: I think you made a mistake in trying to use "the method" on an Elizabethan tragedy. The poetry of the play was lost completely, and since so many of their customs and manners are foreign to us and the actors did not work on them carefully, they appeared rather funny.

Her intellectual looking boy friend: With more emphasis on blocking and lighting, the play might not have looked so ridiculous. There was not enough movement, long speeches during which the speaker's back was to the audience, and places where it was impossible to see the actors' faces.

Another grubby looking lad: I don't think the play was ridiculous at all. The laughter is more a sign of the immaturity of the audience than of the ill merits of the play. I think Mr. Propper did what he set out to do. I was moved by the play, and considering the time limitation and the difficult script, a fine job was done.

A member of Dramashop: Of course we must keep in mind that this is experimental theatre. The object is for all of us to learn by these productions and I think that this particular play which is one of the most difficult yet attempted was a good thing to do because more can be learned from this "experiment" than from a simpler one.

Prof.: With these kind words why don't we all adjourn to the next room for coffee and cake.

## college world

Looking under rocks the other day, counter intelligence uncovered a new plot by the faculty to undermine the morale of the MIT undergraduate. Just one of many attempts to prove that stag living can be fun, it was a new set of rules to limit male visitors in co-ed Bexley Hall. *The Tech* reported these rules, including "friendliness is essential to the dormitory, but rules are requisite for practicability". Rules? Shackles! In the interest of my oppressed fellow-student I humbly submit a counter strategy: Government Subsidized Sororities.

The advantages of such imported, select sororities are many and impressive. A) A girl gives a student intellectual incentive. He studies harder so he can spend more time with the girl. B) Having no school hours to meet, these girls can date students at more convenient times. C) Quarantines for the Flu warrant no worry. We would be quarantined with the girls. D) Valuable study hours would no longer be spent looking for dates. E) Student organized sororities should greatly improve relations with bachelor teachers at MIT. F) The date transportation problem would be eliminated. G) Unlimited baby sitting service could be provided for the faculty.

A possible outline for these full-time sororities is the following eight-point plan:

- 1) Since we lost the satellite race, graduate students can be eliminated, and Grad House can be converted for sorority use.
- 2) Intellectual sorors will have scheduled classes between 11:00 a.m. and noon only.
- 3) Half of the undergraduate body will have classes at night, dates in the daytime; therefore: more dates with choice chicks!
- 4) Establish a public relations department to handle jealous girls' schools.
- 5) Since satellite pressure is off, the Navy contract money previously used for faculty entertainment can support the sororities.
- 6) Thus Uncle Sam will render all food, cigarettes, liquor, and housing tax exempt.
- 7) IBM 704 will facilitate matchmaking, and one of the following must be produced for a date: Merit Scholarship Certificate, marriage license, COOP number, or towel card.
- 8) Every phase of operation shall be student run to provide valuable experience for future vocations.

Wench Day is October 32nd. Simultaneous convergences will be directed upon all desirable local girls' schools, and kidnapping will proceed according to individual capacities. We should also be organized to provide protection against numerous Harvards who are ill at ease with the extra girls. Employ the principles of "economy of force" and "security" on W-day, men, and remember Lance Meadowbrook's words "Give me women, or give me women!"

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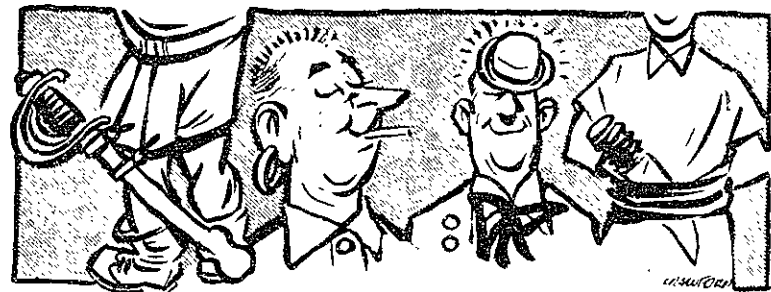
## The Technology Store



### CLOTHES MAKE THE BMOC

Last week we passed along some fashion hints for coeds. Today we will do the same for college men.

The most important thing to remember, gentlemen, is to dress with verve, with dash, with inventiveness. Don't be imprisoned by the traditional conservatism of men's clothing. Brighten up your appearance with a single earring, or a cavalry saber, or a gold derby.



### Guard Against Gaudiness

However, guard against gaudiness. If, for instance, you are wearing a gold derby, do not also wear a cavalry saber. This is too much. Wear a dagger instead, or, for formal occasions, a bowie knife.

Let us turn now to a persistent rumor that a garment called the "suit" is on the verge of making a comeback. Some of you older students may remember this "suit." It was an ensemble consisting of a jacket and trousers, both of which—this'll kill you—both of which were made out of the same material!

The last "suit" ever seen on an American campus was in 1941—and I ought to know because I was wearing it. I was an undergraduate then, and in love—hopelessly in love with a beautiful statistics major named Harry Sigafos. (She is one of the two girls I have ever known named Harry. The other one is her sister.)

I loved Harry madly, though her expensive tastes were the ruin of me. Bit by bit I sold off my belongings to pursue this costly courtship—first my books, then my clothes, until finally I was left with nothing to wear but a "suit". One night I came calling for her in this garment and she, of course, slashed me across the face with a riding crop and sent me from her door.

I slunk home and lit a Marlboro and sat down to think. I always light a Marlboro when I sit down to think, for their good mild flavor is a great aid to cerebration. I always light a Marlboro when I don't sit down to think, too, because Marlboro is my favorite cigarette, and I know it will be yours, too, once you make the acquaintance of that filter, that flavor, that flip-top box. As the man says, you get a lot to like with a Marlboro.

Well, sirs, smoking and thinking thus, my eye happened to fall on an ad in a campus newspaper which said: "WIN A COMPLETE WARDROBE! Touhy's Toggery, the campus's leading men's store, announces a contest to pick the best-dressed man on campus. The winner will receive absolutely free a complete new wardrobe!"

Struck by a sudden inspiration, I took pen in hand and wrote a letter to Mr. Touhy of Touhy's Toggery: "Sir—I see by the paper that you are giving a complete new wardrobe to the best-dressed man on campus. What a ridiculous idea!"

"Obviously, to be the best-dressed man on campus, you must first have a lot of clothes, and if you have a lot of clothes, what do you need with another wardrobe?"

"Touhy's Toggery should give a new wardrobe to the worst-dressed man on campus. Me, for instance. I am an eyesore. There isn't a crowd in town that will come near me. Three times this month the Salvation Army salvage truck has picked me up. *Esquire* has canceled my subscription."

"I submit that a vote for me is a vote for reason, a vote for equity, a vote for the American way!"

With a flourish I signed the letter and sent it off, somehow feeling certain that very soon I would be wearing a complete new wardrobe.

And I was right—because two weeks later I was drafted.

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## MIT Receives Grants, English Scholars

## \$750,000 Boost For Physics Text Revision Committee

More money is pouring in to finance the revolutionary MIT-sponsored project of producing a new type high school physics text and of testing a series of teaching aids ranging from fresh, up-to-date films to do-it-yourself kits for school and home use. In addition to the \$500,000 Ford Foundation grant, the Institute will receive additional grants of \$200,000 from the Fund for the Advancement of Education, \$300,000 from the National Science Founda-

tion, and \$250,000 from the Alfred P. Sloan Foundation.

Groundwork on this project was begun last year when, under a \$300,000 grant from the National Science Foundation, a blue ribbon committee of scientists and educators began to lay the foundation for a completely new approach to the teaching of high school physics. The group, 100 men and women varying from high school students to Nobel Prize physicists, achieved one major objective this summer when they completed a first draft of a text written entirely from the point of view of modern physics. This book is being tried in seven test classrooms this year by a number of secondary school teachers who participated in the summer training project.

## Two King George VI Scholars Attend MIT Study US Technology

The MIT Graduate School will add to its ranks two King George VI Memorial Fellows, one from England and the other from Northern Ireland. Their sponsor is the English-Speaking Union of the United States, which awards the Fellowships each year to enable outstanding Commonwealth students to come to the U. S. for graduate work in science or technology.

Anthony A. Dudman, studying part-time, earned a Higher National Certificate from Britain's Southampton University in 1951. He specialized in Aeronautical Engineering and will continue in this field while at MIT, studying for a Master of Science degree. He is particularly interested in methods of coupling structural problems with the digital computer and in American experience with the problems of supersonic aircraft. Dudman holds a Diploma from the College of Aeronautics at Cranfield and formerly worked for Vickers-Armstrong, Ltd.

Arthur Dennis Bond, a native of Belfast, Northern Ireland, is a 1957 Honors graduate of Queen's University there. He received his B. S. in Electrical Engineering and will study Electronics and Control Systems at MIT, becoming a candidate for a Master of Science. He hopes to use his visit to America to study automatic production in a country where it is already accepted as part of the way of life.

At Queens, Bond held a number of scholarships. He received his secondary education at the Royal Belfast Academical Institution. He holds a Certificate of Special Merit from the Trinity College of Music in London.

Dudman and Bond are members of a group of twenty-two young men and three young women who have won King George VI Fellowships this year. They are attending universities across the States, availing themselves of the facilities of this country for research in the sciences and technology. The King George VI Memorial Fellowships were founded by the E-S. U. in honor of the late King's warm support of the Anglo-American partnership during World War II.

## Colleges Will Get 97 Kodak Grants Worth \$400,000

Eastman Kodak Company has just announced the awarding of \$400,000 in grants and fellowships to colleges and universities in the United States.

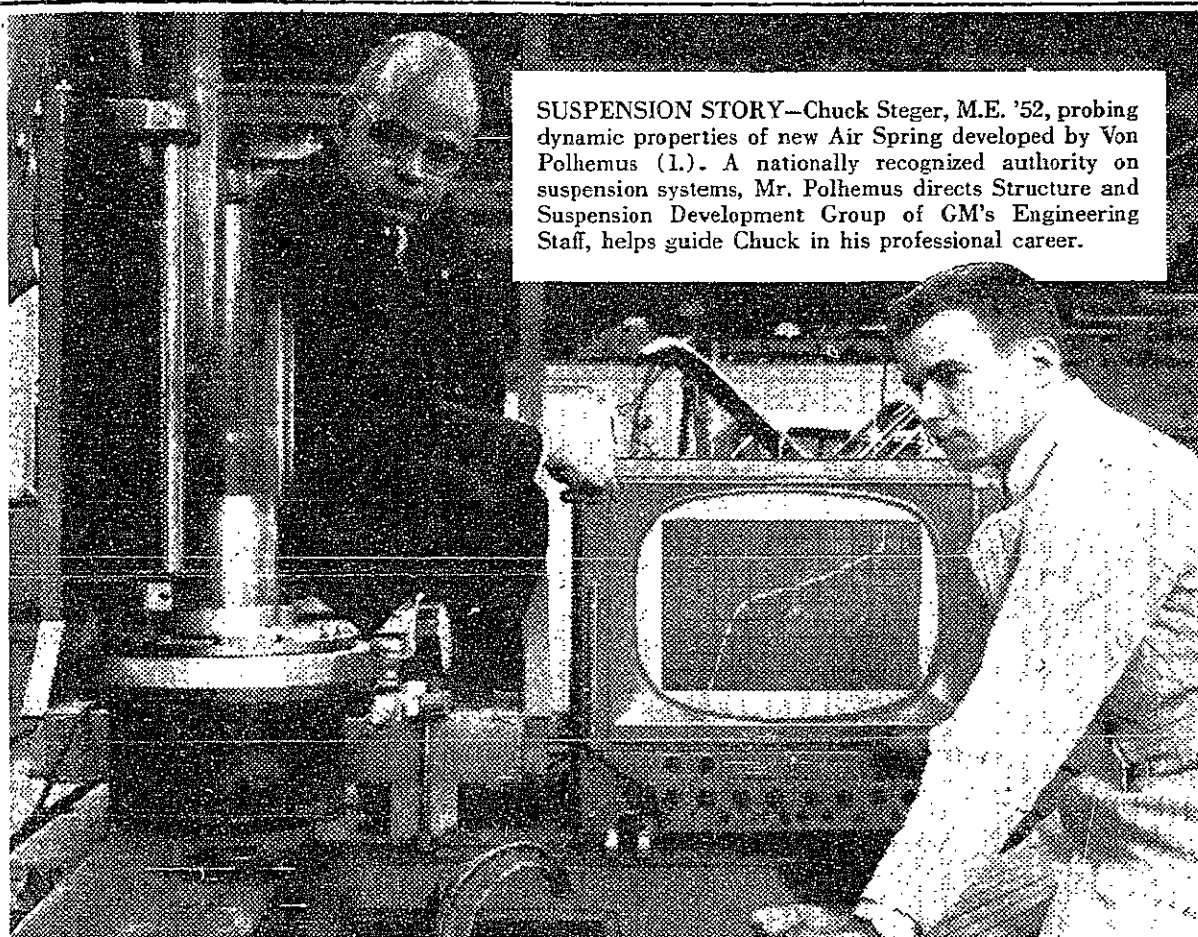
MIT will be among the colleges benefiting from the grants, and will have available fellowships toward Ph.D. Degrees in Chemistry and M.S. Degrees in Engineering.

The direct grants, valued at \$286,000, will go to 58 privately supported colleges and universities on the basis of graduates of those institutions who joined the company five years ago and are presently employed.

Twenty fellowships valued at \$120,000 will be awarded to persons studying for the Ph.D. degree in chemistry, six for Ph.D. degree study in physics, and 13 for engineering students working for the master of science degree.

Under the direct grant plan, payments of \$500 are provided for each year of normal academic work completed by the student at the institution from which he was graduated in a regular degree program at either the undergraduate or graduate level.

The chemistry and physics fellowships are designed to assist promising young scientists studying for the Ph.D. degree, with preference given to persons in the last year of such study.



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Many of the men who will fill the key positions at GM in the future are the young engineers joining GM today. This is not theory, it is fact. For 14 of our 33 Vice-Presidents are engineers, 23 of our 42 Division General Managers are engineers, too.

Today we are looking for young engineers—such as you—who may fill these positions tomorrow. The rewards—both professional and financial—are substantial. If you feel you have the ability, write us. It could be the most important letter of your life.

### June graduates!

*A General Motors Representative will be on hand to answer questions about job opportunities with GM.*

**OCT. 30, 31 and NOV. 1**

**GM positions now available in these fields:**  
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INDUSTRIAL ENGINEERING • METALLURGICAL ENGINEERING  
AERONAUTICAL ENGINEERING • CHEMICAL ENGINEERING  
CERAMIC ENGINEERING • MATHEMATICS  
INDUSTRIAL DESIGN • PHYSICS • CHEMISTRY

**GENERAL MOTORS CORPORATION**  
Personnel Staff, Detroit 2, Michigan



**CAPER, ANYONE?**

My name is Cornell Jackson, private eye. Two days ago I was sitting in my office dictating, when suddenly a tall blonde passed my window. I knew she was tall because my office is on the tenth floor.

"Hello," she said, "I need help, Rutgers."

"The name's Cornell."

"Yes. I'm worried about my husband. Every night he stays out till six in the morning. He comes home with his hair mussed, lipstick all over his face. What's up?"

"The butler did it."

"Oh come, come, Yale."

"Cornell, dearie."

"Yes. I think my husband is unfaithful."

I exercised my think-tank. "The butler did it," I blurted.

"Look, Oklahoma Aggies—tell me what to do?"

"Find out the secret of his success with the femmes—then proceed from there. What brand of shirts does he wear?"

"Van Heusen."

"What brand of underwear and pajamas?"

"Van Heusen."

I threw up my hands—and watched them loft lazily up to the ceiling. "Babe," I said, "you can't fight Van Heusen. There's only one thing you can do. Marry the butler!"

Moral? No ladies worth their salt can resist Van Heusen merchandise. If you want to be popular . . . if you want to walk down the street and have people say, "There goes Jim, he's had more girls on his lap than napkins," here's what to do. First change your name to Jim—then buy Van Heusen merchandise. You can't miss.



Don Weaver '60 relaxes on the floor of the building 10 lobby as he waits for the JP option sales which are still 15 hours away.

#### GLIDER CLUB

(Continued from page 1)

of the flying is done at Barre, Mass., about 50 miles west of Boston, on week-ends, and transportation to the flying field is provided by the Club. On campus the Club has considerable space in the aeronautical engineering building, where members are at present modifying their glider and in the near future they hope to design and build a new sailplane.

There are two types of memberships available: a non-flying membership for \$10 a year, which enti-

ties the member to all the privileges of the club except flying instruction; and a flying membership for \$20 a year, entitling the member to flying instructions as well as all the other privileges. At any time a non-flying member may obtain a flying membership for \$10.

Dr. Chamberlain

#### ORGAN RECITAL

Every Thursday from 12:15 to 12:45 p.m. Mr. David Johnson, MIT Organist, holds an organ recital in Kresge. Admission free.

#### STANDARD OIL COMPANY OF CALIFORNIA



California Research Corporation  
and other Subsidiaries

Representatives will be on the campus

October 24, 25, 1957

to interview

Chemists, Chemical Engineers, Electrical Engineers,  
Mechanical Engineers, Metallurgical Engineers,  
Civil Engineers, Mathematicians, Physicists

FOR CAREER EMPLOYMENT  
in California and other areas

SEPTEMBER							NOVEMBER							NOVEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7								1	2	3	4	5	6	7
8	9	10	11	12	13	14								8	9	10	11	12	13	14
15	16	17	18	19	20	21								15	16	17	18	19	20	21
22	23	24	25	26	27	28								22	23	24	25	26	27	28
29	30													29	30					

NOVEMBER  
1st

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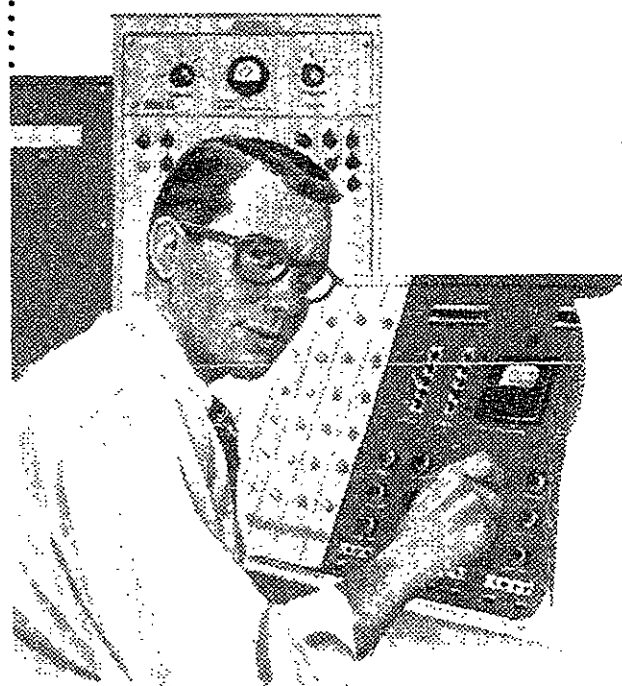


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to YOU in becoming a

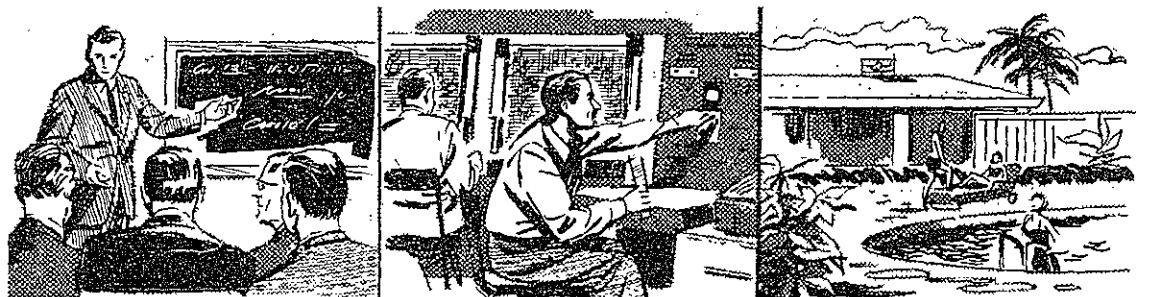
## CONVAIR MISSILES MAN

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### PERSONAL INTERVIEWS

OCTOBER 29-30

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INTERCLASS COMPETITION

Group I Faculty—Grads—Alumni  
Group II Seniors  
Group III Juniors

Group IV Sophomores  
Group V Freshmen

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*In Maintenance, Power and Communications*
- ★ CHEMICAL ENGINEERS  
*In Production, Refining, Natural Gas Engineering*
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*In Drilling, Production, Pipeline, Refining, Maintenance & Construction*

Also limited openings for

- ★ GEOLOGISTS
- ★ ACCOUNTANTS

Creole representatives will be on the campus

WEDNESDAY, OCTOBER 23

to interview unmarried U. S. and Venezuelan citizens

SEE YOUR PLACEMENT DIRECTOR FOR INTERVIEW SCHEDULES!

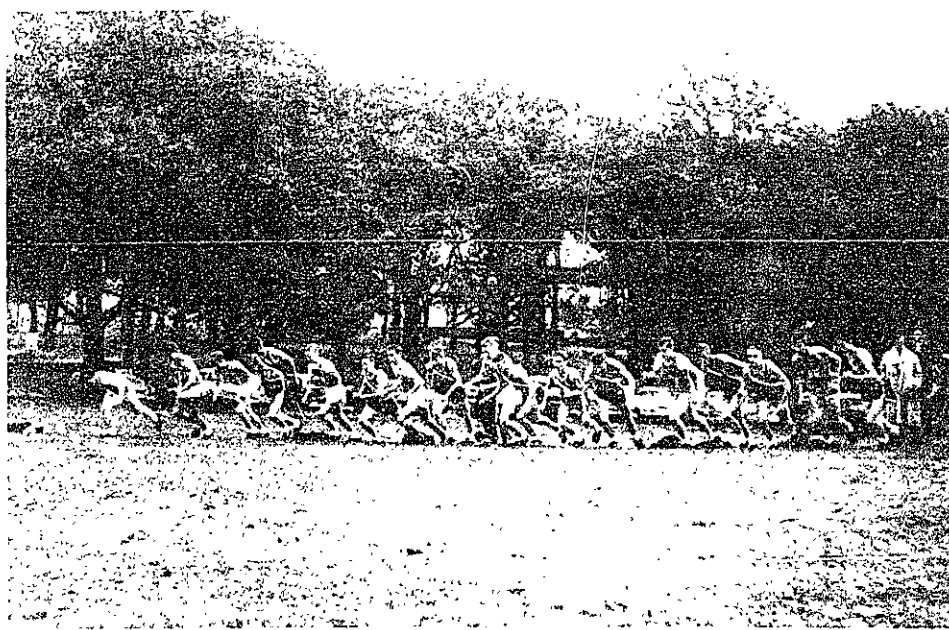
UNH Edges Tech Harriers in Rain  
Beavers Led By Ewing and Swift

Although weakened by illness, MIT's cross country team was edged by only nine points Saturday by the University of New Hampshire, 23-32. The Tech array, running in drizzling rain over a very muddy Franklin Park course, split the first ten places with their opponents, but UNH took five of the first eight to clinch the victory. The Cardinal and Gray harriers have not yet been able to run at full strength due to the absence of sophomores Dan Oliver and Bob Marano.

For the second meet in a row, Duncan Ewing '58 led the pack, placing third in 21:23 over the 4-mile

course. In fourth spot was Captain Rod Swift '58. In sixth, ninth, and tenth positions, respectively, were Bob Cooper '53, Bob Mullen '60, and Glenn Bennett '58.

New Hampshire swept the day as the Tech freshmen also dropped their contest, 18-45. Bob White made the best showing for the yearlings, finishing third in 13:40 over a 2-7/8-mile course. Here Wegener also finished in the top ten, taking ninth spot. The hill and dalers head back into action next Saturday, meeting Coast Guard Academy and Northeastern University at New London.



MIT and UNH freshman harriers leave the starting line at Dorchester's Franklin Park Saturday morning.

Bushleaguer

Despite bad weather, three of the four league championships in Division A were decided this week-end. The four finalists were Sigma Alpha Epsilon, Delta Tau Delta, and Phi Gamma Delta in League I, III and IV respectively.

Sigma Alpha Epsilon gave up two last period touchdowns to Sigma Chi, but held on to win 21-12, on Sunday, for their twenty-fourth consecutive victory. The Sailors struck paydirt in the second quarter when Johnny

Maier '59 romped 60 yards with an intercepted pass. Moments later Walt Humann '59 tossed to Maier for another score. In the third session Herman Burton '60 raced 40 yards with another stolen Sigma Chi aerial to put on the crusher.

In a scoreless, double overtime encounter, AEPi defeated Pi Lambda Phi, three first downs to none, in the league's other game.

Sparkling defensive work by both squads highlighted Delta Tau Delta's 2-0 triumph over Theta Chi, in a

(Continued on page 6)



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Freshman Team

Report to Pool

Monday-Friday

5:00 P.M.

## BUSHLEAGUER

(Continued from page 5)

cold drizzle early Sunday morning. The contest's lone score resulted when the losers had a bad pass from center go into the end zone, just two minutes before the end of the game.

Baker House won by forfeit over Kappa Sigma, and Lambda Chi Alpha stopped Phi Kappa 25-8, to send League V into a three-way deadlock for first, with Kappa Sigma eliminated.

League VIII action saw Phi Sigma Kappa edge Student House 2-0, and East Campus upset TEP 7-6, leaving TEP and PSK tied for the League title.

Scoring twice in the final quarter of play, Phi Gamma Delta defeated Phi Delta Theta 19-6, last Sunday.

Early in the opening period, the Fijis scored on an end run by Bob Williamson '59.

## MIT Varsity Sailors Cop Nevins Trophy

Racing in a meet shortened by inclement weather, MIT's varsity sailors captured the Nevins Trophy, emblematic of the Middle Atlantic States Championship, last Saturday at Kings Point, Long Island. High-point skipper was Tech's Dennis Posey '59. Jan Northby '59 crewed for Posey and Bill Blaklock '58 crewed for skipper Bill Widnall '59. Top teams were MIT 90, USMMA 78.5, Navy 70, USCGA 69.5.

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## JOB FACTS FROM DU PONT



BETTER THINGS FOR BETTER LIVING  
THROUGH CHEMISTRY

## OPPORTUNITIES AT DU PONT CONTINUE TO GROW FOR ALL KINDS OF ENGINEERS AND SCIENTISTS

### WHERE DO YOU WANT TO WORK?

by  
W. R. Galloway  
Du Pont  
Representative



*I wouldn't be entirely realistic if I said that you can choose your job location from Du Pont's 75 plants and 98 laboratories scattered over 26 states. But Du Pont does have jobs open in many of these locations, so there is a good chance that we may be able to match your preferences and qualifications with available openings.*

*Right now, most of the Du Pont units are east of the Mississippi, but we have plants in Texas and on the Pacific Coast, too. In the past year plants were completed in Michigan, California, Ohio and Georgia. New plants are also under construction in Kansas, Tennessee, Virginia and North Carolina. Perhaps one of these locations has just what you're looking for in a job.*

*For a complete list of our plant locations, please write to me at E. I. du Pont de Nemours & Co. (Inc.), 2494-B Nemours Building, Wilmington 98, Del.*

Career opportunities at Du Pont are greater today than ever before because of the Company's continued growth. In 1957, Du Pont's sales were at the \$2 billion level. Four new plants were being built. New research programs were being launched, and new products were moving into the production and marketing stages. All of these developments tend to broaden opportunities at Du Pont for the young scientist and engineer.

## ALL KINDS OF ENGINEERS

Students with chemical engineering and chemistry degrees are needed, of course. But the opportunities are equally great for students majoring in many other fields. And the type of work for these men varies greatly. Among other things:

**Mechanical engineers** work in re-

search and development as well as in plant engineering and production supervision.

**Metallurgical engineers** conduct studies in metal fatigue and corrosion and engage in fundamental research into the nature and properties of elements.

**Civil engineers** have many assignments, including design and supervision of the construction of Du Pont plants and laboratories.

Men studying for degrees in *electrical, mining, petroleum, industrial* and many other specialized fields of engineering will find equally challenging outlets for their talents at Du Pont.

If you're interested in finding full scope for your ability, Du Pont offers you plenty of opportunity.

## Du Pont Training Tailored to Individual

Each of Du Pont's operating departments has its own training program because each has special requirements. But both formal and informal programs are tailored to the interests and needs of the individual.

Generally, you go to work on an assignment at once and start learning right away. This headstart on responsibility is an important factor in your progress. Based on your qualifications, you're given one segment of a project to tackle almost immediately. You learn quickly and informally in consultation with your supervisor and other engineers on the same project. This training is supplemented by frequent meetings, seminars, studies of plant operations and procedures.

And since Du Pont is interested in the progress of the individual, your

performance is evaluated at regular intervals by your supervisor. These discussions bring out your strong and weak points and together you work out a program for improvement. This training and evaluation continues year after year as you advance in the Company.

## SEND FOR INFORMATION BOOKLET

Booklets on jobs at Du Pont are yours for the asking. Subjects include: mechanical, civil, metallurgical, chemical, electrical, instrumentation and industrial engineers at Du Pont; atomic energy, technical sales, research and development. Name the subject that interests you in a letter to Du Pont, 2494-B Nemours Building, Wilmington 98, Del.

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